

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/21/2015, 10/22/2015</b>	Man Days: 2
<b>Inspection Unit: Effingham</b>	
<b>Location of Audit: Effingham</b>	
<b>Exit Meeting Contact: Kevin Glaspy</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Donald Hankins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Kevin Glaspy	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p><i>Customer meters and regulators are in a readily accessible location and protected from corrosion and other damage and protected from vehicular damage. The meters that were inspected are listed below.</i></p> <p>108 South Pine Street 213 South Main Street 202 West Fayette Street 202 North Vine Street 105 North Pine Street 109 North Main Street 104 North Loda Street 105 East Railroad Street 402 West Section Street</p>		

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301 West Section Street 201 West Section Street 403 North Main Street 412 North Main Street 210 North Main Street 212 North Main Street		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Each regulator had a vent installed in it.		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Regulators are set where gas can escape into the atmosphere.		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meters are not in a flood area.		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meter sets are installed as to minimize stress upon the piping.		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meters are vented to the outside atmosphere.		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meter pressures are within the allowable limits of the meter casings.		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meter sets have a shutoff valve ahead of the regulator.		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> Service lines are not located in a curb box or standpipe.		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method	<b>Not Checked</b>

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	been utilized to prevent unauthorized usage?	
<b><u>General Comment:</u></b> <i>Staff did not inspect a discontinued meter set during this audit.</i>		
<b>CATHODIC PROTECTION</b>		<b>Status</b>
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Corrosion reading that were taken met the code requirements.</i>		
[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> 108 South Pine Street -1.52 213 South Main Street -1.17 202 West Fayette Street -1.30 202 North Vine Street -1.24 105 North Pine Street -1.22 109 North Main Street -1.17 104 North Loda Street -1.10 105 East Railroad Street -.94		
[192.465(b)]	Were rectifier installations inspected?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Rectifiers were not inspected during this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Isolated services lines were inspected at the following locations.</i>  402 West Section Street -.97 301 West Section Street -.91 201 West Section Street -1.45 403 North Main Street -1.24 412 North Main Street -1.29 210 North Main Street -1.09 212 North Main Street -1.06		
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Critical bonds were not inspected during this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Isolation is being provided by meter spuds.</i>		

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[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Casings were not inspected during this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Piping at the meter sets that were inspected were painted.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Piping was free of corrosion at the time of this audit.</i>		
<b>DAMAGE PREVENTION</b>		<b>Status</b>
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect Julie locates during this audit.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect Julie locates during this audit.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect Julie locates during this audit.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect line markers at road crossing during this audit.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect line markers at road crossing during this audit.</i>		

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[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p>Staff inspected line markers at the following regulator stations.</p> <p>4th Street &amp; Hendlemeyer Street          South RT 45 &amp; Crossroads Street          Luckett Ford Avenue          Raney Street &amp; Wernsing Street          Vulcan Drive West of Route 45.</p>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p>Line markers that staff inspected had the proper wording placed on the sign post.</p>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p>Line markers had the emergency phone number placed on them, with the emergency number being 1-800-755-5000.</p>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p>The following stations were inspected during this audit.</p> <p>Station ID 340031          Station ID 340017          Station ID 340032          Station ID 340046          Station ID 340027</p>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p>Regulator stations that were inspected were protected by either distance or fence.</p>		
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low	<b>Satisfactory</b>

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	pressure indications?	
<b>General Comment:</b> Charts and gauges were inspected for abnormal indications.		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	<b>Not Checked</b>
<b>General Comment:</b> Overpressure protection was not inspected during this audit.		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
<b>General Comment:</b> All supports were made out of noncombustible material.		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
<b>General Comment:</b> Discharge stacks had covers over them.		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b>General Comment:</b> Valves at the regulator stations were locked in the open position.		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Satisfactory</b>
<b>General Comment:</b> Valves were inspected at each regulator station, with the valves being listed below.  Station ID 340031 T650 T547 T548 Station ID 340017 P275 P2-56 Station ID 340032 P268.40 P2-44 Station ID 340046 P53.42 P2-39.97 Station ID 340027 P57 P2-13		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b>Category Comment:</b> Staff did not inspect odorization during this audit.		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>

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[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
<u><b>Category Comment:</b></u> <i>Transmission valves were not inspected during this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	<b>Not Checked</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
<u><b>General Comment:</b></u> <i>Pipe and fittings had the required markings on them.</i>		
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>
<u><b>General Comment:</b></u> <i>A form 15 operator qualification field inspection was not completed during this audit.</i>		

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